

1906
VOL. XXVII,

No. 11

NOVEMBER, 1906

The California Medical Journal

D. MACLEAN, M. D., EDITOR.

Published Monthly

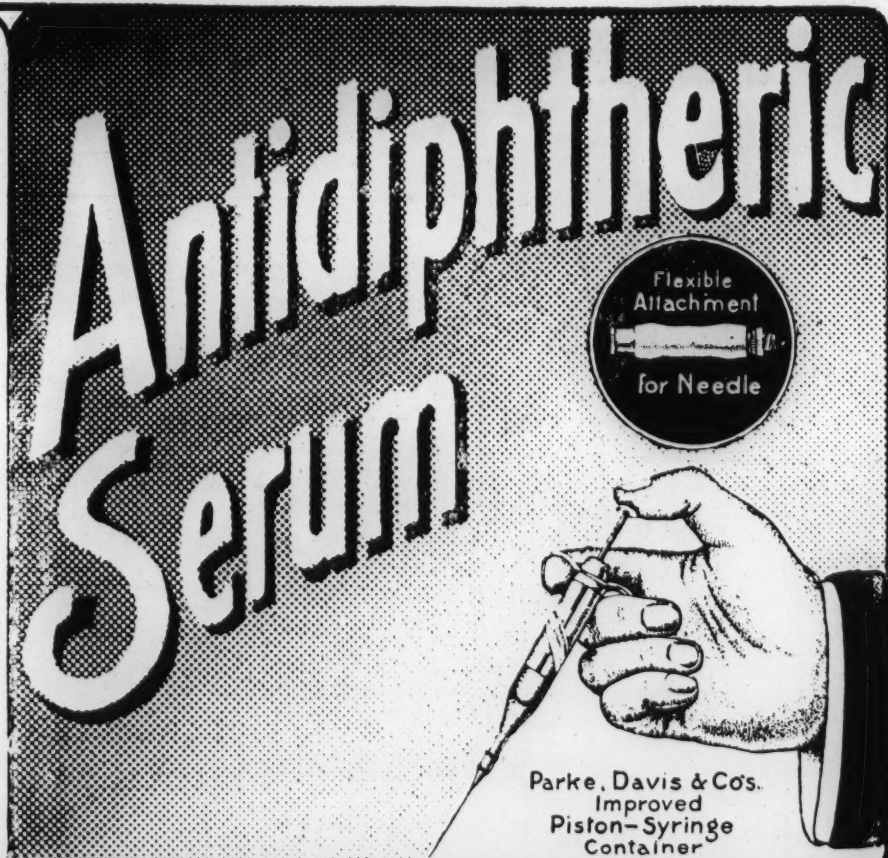
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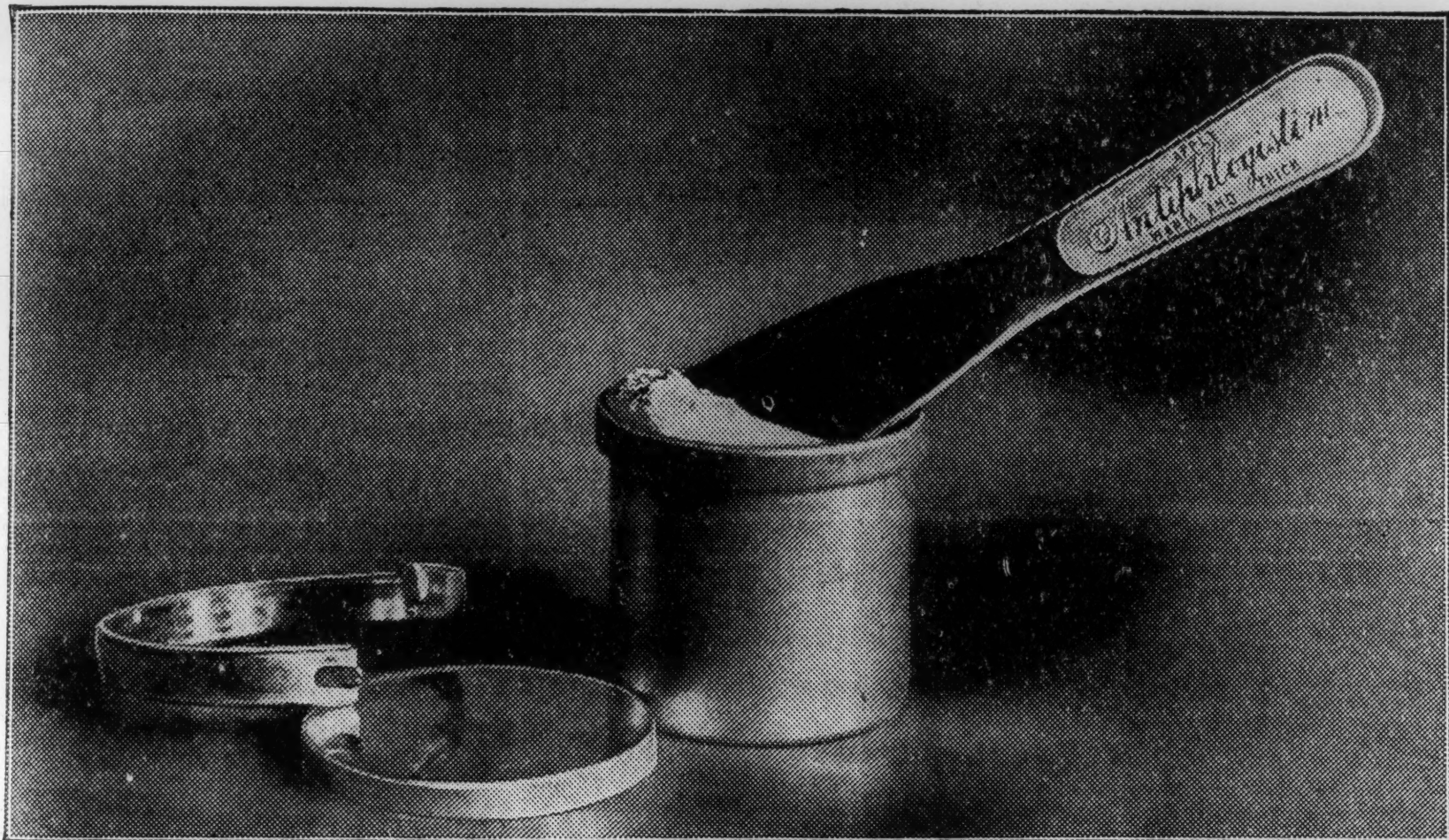
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CALIFORNIA MEDICAL JOURNAL

Entered at San Francisco Post Office as Second-Class Matter.


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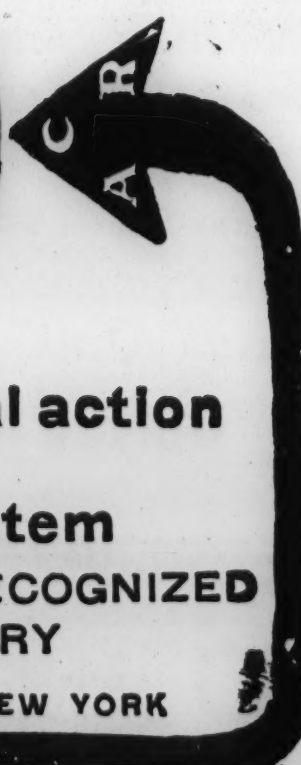
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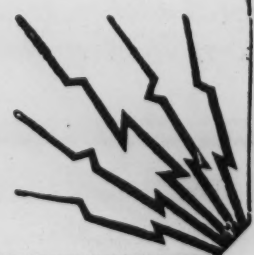
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CALIFORNIA MEDICAL JOURNAL.

VOL. XXVII.

NOVEMBER, 1906.

No. II.

Treatment of Rheumatism.

BY JOHN ALBERT BURNETT, DEAN, SPRING, ARKANSAS.

Rheumatism is a very common disease in this locality at this season of the year, although many have it in all seasons of the year. The common treatment of rheumatism as is usually given by most physicians is not satisfactory to either physician or patient. Most physicians rely on, and do not know of any other remedy, only the synthetic sodium salicylate. Many physicians who use this remedy extensively do not know, or at least have never used the true sodium salicylate made from oil of wintergreen.

A synthetic of anything is, in my opinion, a poor substitute. Sodium salicylate true from oil of wintergreen is a useful remedy in some forms of rheumatism, but there are other remedies that are of value also. Many physicians are, by sodium salicylate in rheumatism, like they are by quinine in malaria. They do not know

of any other anti-rheumatic or anti-malarial but these two remedies. The homœopaths, at least some of them, use the pure oil of wintergreen in five drop doses for rheumatism. The oil of wintergreen is, in my opinion, in most forms of rheumatism, a valuable remedy. The homœopaths use it for inflammatory rheumatism. I prefer to use it locally by saturating a cloth with it large enough to cover the painful area, then cover with gutta-percha tissue which adheres at the edges around the cloth to the skin of the patient; over this apply a bandage and the patient will soon be free from pain. It is valuable in lumbago and most all forms of pains. A good "shot gun" remedy for most any and all forms of rheumatisms, especially chronic; in equal parts of Lloyd's specific medicines, colchicum, macrotys and jaborandi. It can be given in

doses from three to fifteen drops every three hours until effect, which will not be very long. "Colchicum for Pain" is the title of an interesting article in the *Medical World* for June 1906.

The writer used it in six to ten drop doses three times a day. If used too freely it will make a patient very sick, but afterwards the patient will usually be well.

Merck recommends the spirit of ants as a rubefacient and counter irritant in painful local affections. Dr. F. P. Davis highly recommends tincture of ants in rheumatism. He has an article "Ants and Rheumatism," Aug. 1905, *Medical Arena*. If the reader will read his article and my article, "Miscellaneous Notes," Sept. 1906, *Therapeutic Record*, they can find out all about the therapeutic uses of ants that is known at the present time. Formic acid has not been successful in place of ants in rheumatism. *Cascara californica* given free enough to cause purgative action, and this kept up as long as necessary, is claimed to be of much value in rheumatism. There is another remedy that has lately been used with good results in most

all forms of rheumatism. It is dry heat that is applied locally or general as may be needed, with an apparatus made for the special purpose. Dry heat can be used in conjunction with any indicated internal remedy; although most cases can be relieved by dry heat alone. When using dry heat it must be used with care and a good apparatus must be had for the purpose or a failure will be the result or much harm may be done. Many apparatuses for giving the dry heat treatment that are on the market at present are practically worthless. The main contra-indication of dry heat treatment is heart diseases in which much stimulation must not be used. In some cases of rheumatism alternative treatment is essential and when this is the case a compound of *berberis aquafolium* and *amphiachyris draconoides* will be found of great value, or the following will often prove to be of value:

R Potassium iodide, dr. vj.
 Specific phytolacca, dr. ij.
 Tinct. sanguinaria, oz. j.
 Simple syrup, q. s., oz. vj.
 M. Sig. Dose, one teaspoonful three times a day.

The Arteries.

F. G. DE STONE, M. D.

(From a series of lectures delivered by the author.)

I said a few words last evening about the effect of muscular movements upon arteries. I should have said more had the time permitted, but these talks are so short that it is hard

to deal justly with but one or two points at a time.

Running between the muscles and in the muscular tissues are these vessels that carry the blood to and from

the heart; therefore it is apparent that should the muscles be changed in position, it must needs change the vessels upon which it presses.

One of the greatest of human anatomy, perhaps the greatest the world has ever known, was Ling, the originator of Swedish movements and massage. He discovered that a given movement of a muscle would move the blood it contained into the veins and thus favor its return to the heart, or it would so open the walls of the arteries that an increased flow of blood would enter it thereby increasing the nutrition to the part.

He named these movements excentric and concentric movements, meaning that one set tend to fill the tissues with blood while the other returns it through the veins; excentric (going out) concentric (going in). It is not therefore hard to understand that there should be system in the use of movements as well as in the use of other remedies; if a part is already congested with blood and movements are given to still further increase the amount of blood in the part, it would result in harm instead of good, and so what is needed is operators who understand the anatomy and physiology of the body.

Here, too, is the primal basis of the treatment by the use of water. The arterial pressure within a given area of the vascular system must rise or fall according as the neighboring areas are diminished; but simply this means that when the vessels in a part are contracted by the application of pressure or by heat or cold, then the

pressure of blood must be greater because the same amount of blood is forced out by the heart at each beat; therefore if these vessels are contracted it requires more pressure to force the blood into them, hence into the tissues. We call this a rise in arterial pressure. In a smaller manner dilating the vessels causes a fall in arterial pressure. You remember I told you that it is possible to dilate the abdominal vessels to such an extent as to bleed a person to death without a drop of blood being spilled. A lesser dilation such as might be brought about by an extremely acid condition of the intestinal contents as when fermenting foods are allowed to be retained causes cold hands and feet; many drugs will bring about dilation of the capillaries such as belladonna, given in many forms of congestion and to relax spasms.

Cold water applied to the skin causes contraction in the vessels of the skin, by means of its effect upon the nerves that controls the vessels. The shock to the nerves is communicated to the base of the brain (the medulla oblongata) which is the center for the activity of respiration and also that for the heart (cardio-inhibitory center). These centers are situated very close together. The stimulation of this center (vaso-motor) may be due to impure blood as well as to heat or cold. All know that the hands and feet will get cold in a badly ventilated room, which is due to the lack of exchange of gases in the base of the brain between the arterial and venous blood. The impurities of the air

(carbon-dioxide) so acts upon the vasomotor center as to cause contraction of all the small arteries, this in turn backs the blood up in the larger vessels and there is an oppression felt in breathing and a feverish feeling in the head with cold clammy hands and feet.

After a douche of cold water, there being only a temporary stimulation at the base of the brain, the blood that has been backed up in the large arteries, as soon as the momentary spasm from the shock has passed, send the blood surging into the relaxing arterioles and capillaries and cause reddening of the skin, which we call a glow. It is therefore clear that the arterial pressure depends on the central organ (the heart) and on the condition of the peripheral organs (the small arteries) both of which are dominated by the nervous system.

By persistently exerting pressure upon the large nerve in the neck (vagus) we can in a measure dilate the large abdominal veins; this brings a great amount of blood to the stomach and intestines, giving more material for the glands and secreting cells to secrete their respective fluids thus aiding digestion. Again, pressure upon the nerves in the side of the neck in the groove back of the ears along the line where the cervical nerves emerge from the spinal column produces a very soothing effect, and in a measure equalizes the circulation in the head and face and neck, thus removing headache or congestion of the throat. Suspending persons by the head affects the whole spinal cord, thereby

affecting nearly every organ in the body; it is really wonderful how quickly this simple practice will calm the nervous and remove the pain. You know well that a hot foot bath will often relieve these headaches, pains and congestions; it does it by drawing a part of the blood away from the general circulation; so you can see that deep pressure on these nerves by dilating the veins, other parts of the body drawing the blood away, thus accomplishing the same effects.

The heart is also influenced to beat more slowly by pressure on these nerves, therefore when a magnetic healer places his hand on the neck and at the base of the brain, he not only influences the patient magnetically but mechanically as well; how nice it would be if these would study the body and learn how to apply this great force; or how it would help the world if the medical men could be a little broader and could see that there is something more than the mere bagatelle of medicine as a remedy for disease.

If the heart beats very rapidly it can often be slowed very quickly by pressing and kneading the large nerve on each side of the neck called the pneumogastric (vagus). This nerve runs near the front border of that broad muscle that stands out so prominently in the neck when the head is turned to one side (sterno cleido mastoides).

By experimenting on animals it has been found that continuous stimulation of these nerves by electricity or drugs will even stop the heart, or by high pressure in the lungs, as from

rapid breathing it first accelerates and then stops the heart, and the pressure in the arteries falls, the skin getting livid, but the pressure runs higher in the veins to make up the difference in pressure.

Gravity exerts a great influence upon blood pressure; it favors the emptying of descending veins and retards the flow in these that ascend, so that the pressure of blood becomes greater in the latter and less in the former. If the position of a limb be changed, the condition of pressure is also altered; it is owing to this fact that it rests the feet to put them up above the body after a walk, therefore the American habit of raising the feet up on the mantle is not without some good effect.

If a person be suspended with the head downward the face soon becomes surged with blood, the position of the body thus favors the flow of blood in the arteries while it retards it in the veins. If the hand hangs down it contains more blood in the veins than if it be held above the head when it becomes bloodless and pale.

This principle of retardation of the circulation and raising of pressure is often taken advantage of in treating diseases; in fact there has been a whole system of treating disease founded upon this one idea, I have forgotten the "pathy" it was named, but the idea was that by tying a limb with a tight cord would keep so much of the blood in that part that it would relieve a congestion elsewhere; in many conditions this simple means is very effective where there is an exces-

sive amount of blood in the head, tying a cord around a limb not tight enough to entirely shut off the circulation but just retain most of the blood will bring relief; it will also very often stop nose bleed; is good in some stages of pneumonia, in internal bleeding from wounds, etc.

Nature sometimes gets blocked and the results of this blocking is disastrous; the damming of a vein, as when the liver is clogged, the portal vein can not pass the blood through the liver, then the blood dams up in the abdomen and dropsy results if long continued; if the clogging is only slight it may cause nothing more than hemorrhoids or piles.

The lungs within the chest are kept in a state of distention, owing the fact that a negative pressure exists on their outer or plural surface. When the glottis is opened the inner surface of the lungs and the walls of the capillaries in the pulmonary air vesicle are exposed to the full pressure of the air. The heart and large blood vessels within the chest are not exposed to the full pressure of the atmosphere but only to the pressure that corresponds to the atmospheric pressure *minus* the pressure exerted by the elastic traction of the lungs.

Liken the lungs to a bellows—suppose that inside of this bellows there was some light spongy material; when the bellows was drawn open this spongy substance would be filled with air, now if this spongy material was enclosed in a sack and had many tubes leading from it when the sides of the bellows was again approxi-

mated it would force the air out of these tubes; this is the way the blood is forced out of the lungs after the heart has forced it into them from one side of the heart; and this alternating

contraction and dilation of the lungs keep up a difference in pressure between the venous blood in the pulmonary artery and that of the pulmonary veins.

The Life Elements, What Are They?

THEODORE JUDSON HIGGINS, M.D., PH. G., M. S.

When we come to analyze the somatic body cells we are at once impressed with the wonderful truths which present themselves, yes, force themselves upon us; we are brought face to face with the eternal mysteries and the truth of the statement (symbolized in the entire formation of the universe) of One in Three or Three in One. We have in every somatic cell atoms composed of matter that, with the ether binding them together forming the medium by which the attractive affinity of the positive and negative elements of the cell are expressed for each other, form a tiny magnet with a certain definite potential in a state of true inertia to be expressed in the form of the kinetic or real life energy, in accordance with the true ratios of the potential present in the tiny magnet, the somatic cell, at the moment of transmutation from one form to another. My readers will observe that I use the word transmutation. That is exactly what I mean, and the transmutation may be either retrograde or otherwise, in accordance with the true environment of this molecule of matter. For true so-

matic cells are neither more nor less than immense molecules. Now we are going to state that primarily there are only two forms of primary matter, the positive and the negative, the ion and the anion, and that completely surrounding every ion and anion of matter in the universe is the ether. Now we further boldly proclaim that in accordance with the varying potential stored between the ions and anions of matter at the instant of transmutation or so called chemism, all the different forms composing the various so-called elements are created. That this is due entirely to environment is also beyond dispute. We have an example of the proof of this in the genuine diamond. The ordinary chemical analysis says that the diamond is simply carbon, I say to you that it is a manifestation of the ions and anions of primary matter in such form that it is constantly divesting itself of a certain potential and developing the kinetic to the extent of producing rays of light, and at the same time is storing up a certain potential which is practically equivalent to the kinetic evolved and the nearer this comes to



an even balance the greater the value of the stone.

The simple living organisms which confound materialism are seen in every living structure. Such organisms are apparently built up by a so-called structureless, transparent, jelly-like substance known as protoplasm, or more properly called bioplasm which contains the elements of life, and is the primarily organized elements of life always in certain definite proportions in accordance with the form of life ultimately to be attained. Surrounding every ion and anion of matter entering into the composition of the atoms and in turn the molecules composing this protoplasm are certain definite potentials of the ether to be transformed into the kinetic at the instant certain forms are evolved, and in turn a certain reaction or potential is stored as a result of the neutralization of the kinetic to be evolved at the instant of metamorphological change either anabolic or katabolic as the case may be. In either case we have a tiny electric current formed. The electric current is the manifestation of a mode of motion of the primary ether, a disturbance of the potential or more properly transformation from the potential to the kinetic. In other words electricity is the chemistry of the ether. Medical dogmatism is not philosophic. It is not always a faithful seeker of facts but rejects, and often stubbornly evades facts which might produce deeper philosophic views, and seems to hold that any fact contradicting materialistic views or theories may be

ignored entirely, or may be discarded on any frivolous pretext, and that any author who records such facts should be suppressed or ignored. Hence a large amount of most valuable scientific literature is entirely unknown to the pupils of the colleges, and this ignorance is firmly maintained, for the physician is ostracised or scoffed at, and the professor ejected from every honorable position who treats all facts with fairness and makes no secret of his convictions.

Professor Reynolds in an address on medicine, delivered in 1874, before the British Medical Association, said: "Physical force may be compared to vital acts, but life itself is the special property, or the condition of the special material which effects that peculiar relation, and it is as far from comprehension now as a thousand years ago." To the suggestion that by further experimentation we may get rid of the term and the idea of life itself and so make a great advance in science, he says: "I believe it will not be done, but that there will ever remain the same kind of mystery with regard to life itself that still shrouds the nature of the simpler forces, such for instance as gravitation and heat."

The view that many are taking of the correlation of vital and physical forces, when it assumes the form which Prof. Reynolds mentioned is, I think, most mischievous in therapeutics. I refer especially to the abuse of the X-ray, the misappropriation of the most powerful therapeutic agents at our command, I mean the electric current, the Finsen light, dry

heat and other measures when used at the expense of the energies and endurance of those who have not one grain of either of these qualities to spare.

What is needed in these cases is conservation of the central nutrition and consequent addition to the stock of vital forces; and what is this vital force? Gentlemen, a perfect cell may be looked upon as a perfect molecule, i.e., the smallest particle of matter capable of existing alone in that particular form.

There are three elements to be con-

sidered in this proposition, viz: the ether and the negative and positive elements which enter into the composition of every cell. In other language, the potential binding the ions and anions of primary matter together into one unit, the cell.

The principles I have adduced are applicable to everything in existence, the very reflection of the essence of all life and truth itself; the immortal ego of universal knowledge, the Triune forming the ego, and the eternal ego resolved into the Triune.

Etiology of Hemorrhagic Disease of the Newly Born.

BY CHARLES H. GOODRICH, BROOKLYN, NEW YCRK.

The etiology of the hemorrhagic disease of the newly born is clouded in a fascinating obscurity. Careful studies of the blood, secretions and viscera of infants have revealed the presence of bacteria in many instances. As yet no specific microbe has been found, although several observers have, for a time, claimed that such a discovery had been made. That the disease is infectious in many, if not all, instances, is the generally accepted view today. Cases, in which no chance of infection from without is discernible, are frequent and lead us to theorize concerning the introduction of bacteria during the passage of the child through the mother's pelvis. The variety of bacteria cultivated from various vaginæ (healthy

and unhealthy) might be found, after elaborate studies to correspond with the variety found in the blood, secretions and viscera of the affected infants. If we consider this with the following facts, an etiologic theory might seem to be developing:

1. There is less fibrin in the blood of newly born infants than in later infant life. (Jacobi.)

2. The structure of the blood vessels at birth is exceedingly delicate. It should be remembered, however, that we have no proof of a vulnerability of intact mucous membranes and skin to bacterial invasion in the newly born. Hence, with our knowledge concerning this in the older child and adult we must consider that a wound of entrance is a *sine qua non*.

The bacteria which have been isolated in connection with this disease are as follows:

1. *Streptococcus pyogenes*.
2. *Bacillus pyocyaneus*.
3. *Bacillus communis coli*.
4. *Diplococcus pneumoniae* (Frankel).
5. *Bacillus Gærtner*.
6. *Bacillus aerogenes lactis*.
7. *Staphylococcus pyogenes aureus*.
8. An organism which seemed to be Friedlander's bacillus.

Kilham and Mercelis seemed to discover a new germ in a group of cases studied. It was similar to the *Diplococcus pneumoniae*, but inoculation did not produce hemorrhages in animals.

Klebs found micro-organisms at autopsy in nine cases and cultures from these (Gaertner's bacillus) injected into guinea pigs caused hemorrhages. (Gaertner's bacillus resembles closely the *Bacillus typhosus* and the *Bacillus communis coli*.) Baginski's case occurred in an infant about whose umbilicus a suppurative cellulitis existed. The *Streptococcus pyogenes* was obtained in pure cultures from many parts of the body. Newman records two cases in which bacteria was found and cultures obtained. In the first *Bacillus pyocyaneus* was located in body fluids, in mucous cavities, in the liver, and in the spleen. In his second case streptococci and staphylococci were found in the internal viscera. Dungern attributed his case to a short thick bacillus similar to Friedlander's, and suggests a causative relation between

three cases of pneumonia in children occupying the same room and the occurrence of the hemorrhagic disease in the newly born infant. Abt reports a case due to sepsis (streptococci) and another infected by *Bacillus communis coli*. He remarks: "It is not probable that any specific micro-organism will ever be discovered." Nicholson's case was studied most carefully. Three bacterial families were isolated from cultures, namely, *Staphylococcus pyogenes aureus*, *Bacillus aerogenes lactis*, and *Bacillus pyocyaneus*. The virulence of all three were proven by experiments on guinea pigs. The author reminds us that the *Bacillus pyocyaneus* has been associated with other hemorrhagic conditions.

Blood examinations fail to reveal morphological or chemical alterations of significance, save for the proportion of fibrin already cited.

Turning for a moment from the bacteriology of this disease, it is in order to mention the "contributing causes" which various observers have considered worthy of attention.

1. Premature birth of the infant, for a considerable portion of cases, has occurred in these babes.
2. Prolonged and difficult labors.
3. Precipitate labor (?)
4. Syphilis, a parental history of which has been gleaned in a small percentage of cases. In some instances a typical endarteritis affecting small arteries and capillaries has been demonstrated. (Mracek.)
5. Septicæmia in the mother (possible in a few cases only). This is

probably a coincidence, rather than a cause.

6. Anemia in the mother (a doubtful element).

7. Eclampsia or acute Bright's disease in the mother has been credited as a contributing cause.

8. Tuberculosis in the mother (?)

9. Von Preuschen believes that pressure injuries to the cerebral peduncles cause this disease by interfering with the mechanism of the vasomotor centre. He produced multiple hemorrhages in rabbits by puncturing the cerebral peduncles and entering the third and fourth ventricles.

10. Ligation of the umbilical cord previous to the cessation of pulsation.

11. Delay or difficulty in establishing respiration.

12. "Idiopathic hemorrhagic diathesis" a prodigious cloak for ignorance.

Chiming with the known bacteriology of the disease come the following contributing causes:

1. infected breasts, which may cause systemic infection in the suckling infant and so hemorrhage. (Jacobi.)

2. A maltreated cephalhæmatoma which suppurates.

3. Circumcision wounds are mentioned but no case reported.

4. Chronic vaginitis in the mother, especially when neglected or overlooked during pregnancy.

5. Minute abrasions or wounds upon the presenting part, inflicted by the nail of examining finger or by instruments.

6. Inattention or improper treat-

ment of the cord. Certain it is that the average attendant upon cases of labor gives too little personal care to the cord.

7. Conjunctivitis.

After proper consideration of all the etiological elements suggested it seems most probable:

1. That this disease is due to one or more pathogenic (probably pyogenic) micro-organisms.

2. That the normal condition of the blood vessels at birth are responsible for the unusual manifestations of the infection (hemorrhages).

3. That any cutaneous or mucous wound, however trifling, may offer a gateway for invasion as in later life.

4. That in the absence of umbilical suppuration, stomatitis, or conjunctivitis, such trifling wounds are usually overlooked and the idea of infection scouted.—*Brooklyn Medical Journal*.

Frequently referred to the surgeon because of constant pain and marked tenderness, is to be noted a group of cases of what might be termed *occupation wrist pain*. They differ from the ordinary case of "writer's cramp," "piano-player's cramp," etc., in that while these latter frequently have pain in, or about, the wrist, the cases here referred to have no spasm, the pain is constant, and it is not of a neuralgic character. Sometimes it radiates along the thumb (as in mail-openers); sometimes it is localized to the inner border of the lower end of the ulna, which is very sensitive to pressure (as in shirt-ironers). The fingers are free. There may be pain in the forearm muscles (flexors).—*American Journal of Surgery*.

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Editorial.**Reciprocity.**

That reciprocity between States in the practice of medicine is desirable no one will deny. That it is a hardship for physicians who have practiced their profession for years in one State to be obliged to undergo an examination if moved to another State is true. That it is unjust to practitioners who live on the border of one State, that they cannot cross over the line to another State, to minister to suffering fellow beings without a violation of the laws of that State, requires no argument.

The federal government has no control. Each State regulates its own affairs. How then shall we obtain reciprocity? To the writer's mind there is a way. The presidents and secretaries of the three National Associations should come together and agree upon a law that should be applicable to all States, and have such a law passed by the legislatures of all States. There should be no difficulty in arriving at an agreement. What is good for New York is good for California, and what is good for Michigan is good for Texas. A just

Medical law is good for any and all States.

To obtain reciprocity the qualification must be equal. Equal in admission, equal in the subjects taught and the hours of attendance, and equal in the matter of examinations.

1. The requirements of admission into a medical college, should not be less than a high school diploma, or an examination conducted by the Superintendent of Public Instruction, which would admit entrance to a University.

2. The subjects should be prescribed and the number of hours that must be devoted to each subject—diadactic, clinical or laboratory.

3. The examinations to be conducted by a commissioner appointed by the Governor of each State where medical colleges exist. Examinations to be final, and diplomas issued which will be recognized in every other State. Let the Associations move in the matter and good will be accomplished.

Long Life.

Few people wish to die. Mankind clings to life, when it would seem that death would be preferable. It has been the dream of philosophers in all ages to find a means for prolonging life. The fountain of youth has been searched for in vain. Many nostrums have been advocated; many methods condemned. Hope springs eternal in the human breast. All kinds of theories have been advanced, yet death comes, as it has been appointed that all men should die.

Our friend Dimond has lived to be hale and hearty, spry and lively at 110 years of age, having lived in three centuries. He attributes his long life to the use of olive oil. He drinks it, bathes in it, and even sells it to his neighbors that they may live as long as he.

Since the fire, on many street corners in this city, booths may be seen bearing an invitation to "drink buttermilk and live 180 years." Buttermilk has been drunk for more than 180 years, still the scythe moves on. This particular brand of buttermilk may have more efficacy—time alone can tell.

Not to be outdone by the buttermilk sage a doctor of Haywards, this State, has announced that life can be prolonged to 1000 years by drinking milk of a certain breed of goats and eating certain fruits and vegetables. We cannot disprove this assertion, no matter how much we may doubt it.

Now come a number of scientists, well known in this city, who aver in all sincerity, and after due investigation and experimentation that electrical energy and vital force are the same—that vital force is only a manifestation of electrical energy. If this be so, as long as electrical energy is generated life should never cease. But the most startling part is that a certain brand of whiskey increased the electrical and vital force twofold. Soon we will see on every saloon window, "Drink Blue Grass Dew" and live for ever.

October 8, 1906.

Editor,

Dear Sir: There are many members of the National Eclectic Medical Association who have neglected the payment of their dues to this association and have, therefor, according to the by-laws (Art. 2, Sec. 4) allowed themselves to be suspended. This same by-law, however, provides that a member thus suspended can by the payment of two years' dues (\$10.00) be reinstated on the recommendation of the Committee on Credentials.

Now that the association is to meet in the State of California next year all those in and about that state, especially who have allowed their membership to lapse, are earnestly urged to take advantage of this provision at once and remit this amount to the treasurer in order that they may be in good standing at the meeting of the association in Los Angeles next June.

It should be understood that all members who sustained loss by the recent earthquake in San Francisco are exempted from the payment of dues for the current year.

Yours respectfully,

EARL H. KING, M.D.,

Treasurer National Eclectic
Medical Association.

Dr. D. MACLEAN,

Medical and Surgical Gynaecologist,

will visit the country for consultation or surgical operations.

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SAN FRANCISCO.

On October 18th John King Scudder, M.D. and Miss Alice Turpin Gerard were married at Plainville, Ohio.

The Journal extends to them its sincere wishes for their future happiness.

The Rio Chemical Co. has moved its offices from 56 Thomas Street, New York, to 79 Barrow Street.

Dr. W. S. Jones of Medford, Oregon, has been down on a visit. He brought a patient to the Irving Sanatorium.

Diagnosis of Typhoid Fever.

Poppelmann claims that after a little practice it is possible in every case of typhoid fever to discover the organisms in stained preparations of the blood by direct observation, and that the diagnosis may in this manner often be established at a period when the Widal reaction is still inconclusive. The technique he recommends includes the making of thick smears with blood obtained from the finger tip after this has been very carefully cleansed with ether and alcohol and sterile gauze. The slides also must be cleansed with great care and be sterilized by dry heat before use. The May-Grunwald stain is employed in the usual way. It is stated that the typhoid bacilli will always be demonstrable if the disease is typhoid fever. The organisms present great variations in their staining power and frequently appear to be on the point of undergoing complete degeneration. Fallacies to be guarded against are contamination of the preparation from

the skin of the patient's finger and artefacts due to precipitates in the staining fluids, which are to be avoided by extreme cleanliness and filtration of the fluids respectively.—*Ex.*

Hints to the General Practitioner on Eye Strain and Its Symptoms.

J. Hinshelwood divides the symptoms of eyestrain into local and general. The former include headache, uncomfortable sensations in the head, giddiness, insomnia, congestion of the eye and lids, blinking, and retinal asthenopia. The latter is often met with in neurasthenic conditions of the nervous system, and the treatment must be directed to the improvement of the general condition. There is often an intestinal autointoxication. Local treatment such as rest, protection from bright light, and the use of ocular analgesics such as holocaine and dionine will afford a certain amount of relief, but no permanent benefit is assured until the general system is set right. In general the author says that in treating eyestrain it is important to impress upon the patient that more is required than the prescription of suitable glasses. The patient must be instructed to use his eyes in an intelligent way so as to throw a minimum of strain upon them and allow the function of vision to be exercised under the most favorable conditions. Attention must be given to the length of time the eyes are used for near work, to the size of the objects looked at, and to proper illumination. The intelligent co-operation

of the patient is necessary in such cases to bring about a satisfactory result. Any local affections of the lids, the passages, or the eye itself, of course require careful treatment. A patient will not be able to use his eyes with comfort until all pathological conditions of the eye itself, of the lids, and the tear passages have been removed.—*The Lancet*.

Restlessness, increasing pallor, increasing air-hunger, increasing weakness of the pulse, falling temperature (subnormal), and the ephemeral effect of stimulation, all point to hemorrhage rather than shock. In addition, there is often some local sign or symptom.—*American Journal of Surgery*.

A TRUE NERVE TONIC.

The practitioner probably finds more frequent use for a sedative- tonic than any other preparation. The number of people who suffer from nervous prostration or nervous breakdown is increasing yearly. In such cases the physician has found the sedative- tonic invaluable. To effect a cure, it is necessary to restore normal quiet to the disordered nerves and then to build them up to their naturally healthful condition. DANIEL'S CONCT. TR. PASSIFLORA INCARNATA is being universally employed for this purpose. Only a few doses are required to get the nervous system under control and then it appeals directly to the ganglia and supplies vigor to the impoverished members. In senile weakness its

action is prompt and permanent, as in all other affections which result from nerve derangement. Its after-effect is its strongest appeal to the physician, for unlike the opiates, it leaves the patient refreshed like one awakening after sound slumber. It is being adopted generally by the medical profession.

ACUTE NASAL CATARRH.

The conditions obtaining in acute nasal catarrh are essentially those of an inflammation of any mucous membrane. First, an engorgement of the capillaries, then an exudation of serum into the tissues, then a further exudation on the part of the mucous or serous membranes.

To attempt to terminate the trouble or alleviate the discomfort by an astringent or any wash of an acid nature is simply to temporarily lessen the secretion without in any degree reducing the congestion or stimulating the local circulation, thus actually rendering the condition worse than before.

A remedy to be effective must first empty the mucous membrane and then prevent a reengorgement by stimulating the blood vessels into increased action and compelling them to resume their normal functions.

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lating the circulation it relieves the capillaries of their local congestion and restores the normal circulation.

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Book Notes.

Elementary Manual of Regional Topographical Dermatology, by R. Sabourand, Director of the City of Paris Dermatological Laboratory, St. Louis Hospital. Rebman & Co., New York, Publishers. Price \$5.00.

This work, by an author whose name is known wherever dermatology is studied, is remarkable in many ways. First, the author starts with the principle that "he who learns should be supposed not to know," and consequently the book is invaluable to the student, for this reason alone. Everything is clear, plain and concise and treats the subject from the beginning.

Next, not only the diseases of skin usually found in a work on dermatology are described but also the exanthemata, syphilis and some of the complications of gonorrhœa. The most original and convenient thing about the book is, however, the arrangement of the subject. The table of contents is in the form of diagrams of the body, divided into regions; and each chapter of the book corresponds with a regional section of skin.

The student desiring to look up the subject, instead of forming an opinion as to the nature of the disease and then looking up the disease, notes the location, and then turns to the section devoted to that region, and can without difficulty recognize the disease. For these reasons and for the recog-

nized eminence of the author in this subject the work should meet with great success with student and practitioner alike.

The Medical Student's Manual of Chemistry, by R. A. Witthaus, A. M., M. D. Sixth edition. Wm. Wood & Co., New York, Publishers. Price \$4.00.

The present edition of Dr. Witthaus' well known work hardly needs our recommendation to the profession. It is in every way up to the standard of its predecessors, and has grown somewhat in size owing to the desire of the author to keep pace with the growth of his subject. The section on inorganic chemistry is in many respects the same as in the fifth edition but that on organic chemistry has been thoroughly rearranged and extended in the light of further research upon the relationships of substances.

The section on physiological chemistry shows the greatest difference. It has been rewritten and enlarged, it being the branch of chemistry to

which a vast amount of study is being devoted.

In spite of the increased size, the book contains nothing that is not of importance to the student, and that is not essential to his proper training in chemistry.

A Text Book of Histology, by Frederick R. Bailey, A. M., M. D. Wm. Wood & Co., Publishers. Price, \$3.

This second edition of Dr. Bailey's work follows the general plan of the first, there being few changes except in the chapters on neuro-histology, where the chief advances in histology have been made. The book is divided as before into four sections: I. Technic. II. The Cell. III. The Tissues. IV. The Organs. The style is clear and concise and the presentation of the subject admirable. The book is profusely illustrated with drawings from many sources, which assist materially in the presentation of the subject. Altogether it is an admirable text book and deserves to meet with continued approval.

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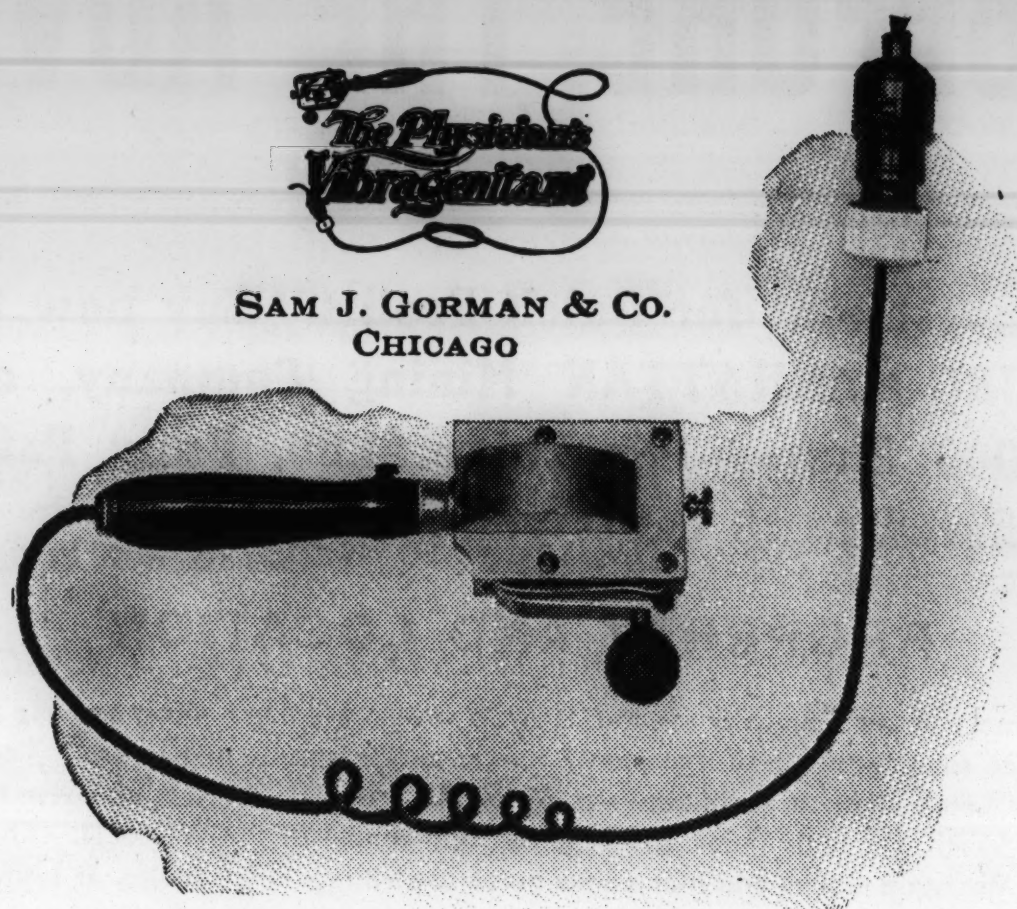
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600 shares	60.00 cash or	10.00 cash and	10.00 per month for 5 months
800 shares	80.00 cash or	10.00 cash and	14.00 per month for 5 months
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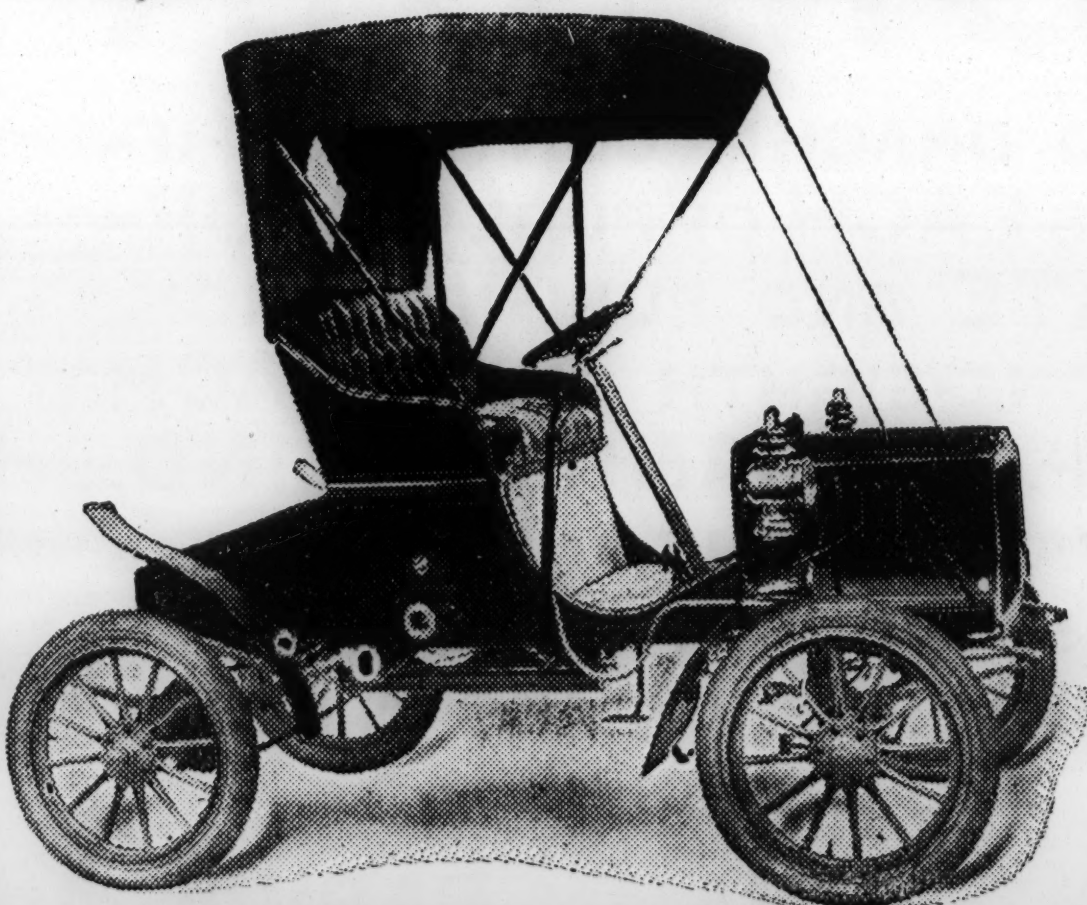
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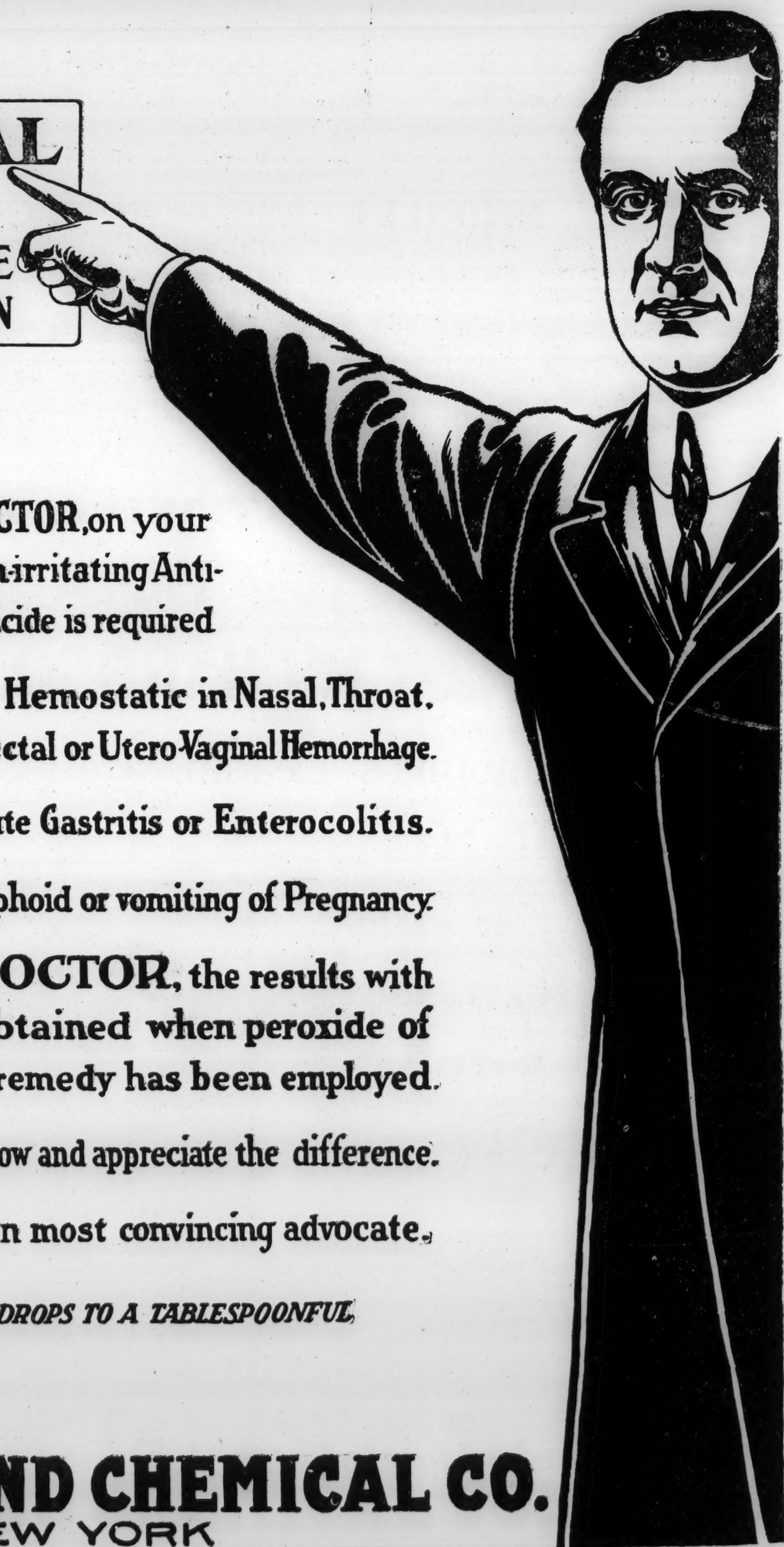
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